

IMPROVED IMAGING APPARATUS

ABSTRACT OF THE DISCLOSURE

The invention describes systems and methods for calibrating a low-level light
5 imaging system. Techniques described herein employ a light calibration device that is
placed within a low level light imaging box to calibrate the system and its constituent
components such as the camera and processing system. The calibration device
comprises an array of low-power light supplies each having a known emission. By
10 taking an image of each low-power light supply, and comparing the processed result
with the known emission, the accuracy of the imaging system and its absolute imaging
characteristics may be assessed and verified.